HLAVACKOVA, Vl.; REUTT, H.

Reffect of chlorpromazine on the development of motor activity.

Sborn. lek. 65 no.5:159-163 My '63.

1. Fyziologicky ustav fakulty vseobecneho lekarstvi University

Karlovy v Praze, prednosta prof. dr. F. Karasek, DrSc. Fysiologicky

ustav v Bialymstoku, vedouci doc. dr. R. Kordeckit.

(CHICK EMBRYO) (POULIT) (RATS) (AMPHIBIA)

(CHLORPHOMAZINE)

(NOREINEPHRINE) (AMINOBUTTRIC ACID)

(MOVEMENT)

(MOVEMENT)

SEDLACEK, Jindrich; HLAVACKOVA, Vladimira; SVEHLOVA, Miroslava

Consideration on the problem of the development of inhibition from the earliest stages of ontogenesis. Cas. lek. cesk. 101 no.41:1222-1224 12 0 '62.

1. Oddeleni fyziologie detskeho veku, vedouci doc. dr. J. Sedlacek, Fyziologicky ustav fakulty vseobecneho lekarstvi KU v Praze, prednosta prof. dr. F. Karasek, DrSc.

(REFLEX CONDITIONED) (INFANT NEWBORN)

REFLEX CONDITIONED) (INFANT NEWBORN)
(GENETICS HUMAN)

HRUZA,Z.; JELINKOVA, M.; HLAVACKOVA, V.

· Charles Carlotte Control of the Co

The metabolism of fat and collagen in rats adapted to adrenaline and ACTH injections. Physiol. Bohemoslov. 13 no.1:81-86 '64.

1. Institute of Physiology, Gzechoslovak Academy of Sciences, Prague.

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MIENER, H.J., MUDr; HLAVACOVA, Alena, MUDr; BARAT, Jozef, MUDr

Organization of dispensarization for malignant neoplasms in Skalica district. Cesk.gyn. 20 no.2:135-137 Mar 55.

1. Gyn. -por. odd. GUNEZ Skalica.

(NECFLASMS, prevention and control, in Czech., dispensary serv.)

(GUTPATIENT SHRVIGS, in Czech., dispensaries for prev. of cancer)

BYSTRICKY, Vojtech: BLASKOVIC, Dionyz; Technicka spolupraca : RAUS, Jan; HLAVACOVA, Irena

Problem of filtrable bacteria. III. Electron microscopy of L-cycle of Hemophilus influenza Pfeiffer. Cesk. biol. 4 no.10:597-599 Nov 55.

1. Virologicky ustav CSAV Bratislava.

(MICROSCOPY, ELECTRON,
of hemophilus influenzas L-cycle.)

(HEMOPHILUS INFLUENZAE,
microscopy, electron, of L-cycle.)

WOIF, A.; HIAVACOVA, M.; PRSKAVCOVA, V.; MARRSOVA, P.

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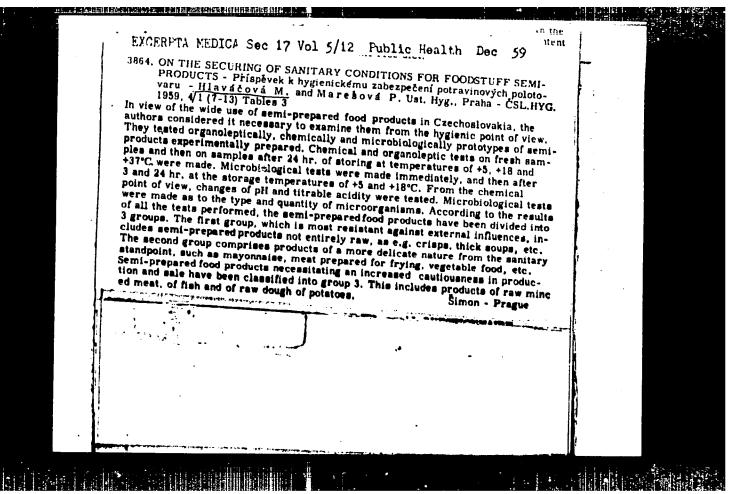
1. Institute of Hygiene, Prague.

(HOENTGE Mars, eff.

on nutritive value & microbiol. of food stuffs)

(FOOD, eff. of radiations on

x-rays, on nutritive value & microbiol. of food stuffs)



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KAPITOLA, J.; BLEHA, C.; SCHULLFHOVA, M.; Jackstoka epolapseco BLAHOVCCVA, A.; HLAVATA, E..

Concentration of I-131 in normal and abnormal thyroid glands. Sborn. lek. 67 no. 10:308-312 0 165.

l. Laborator pro endokrinologii a metabolismus, III. interni klinika fakulty vseobecneho lekarstvi University Karlovy v Praze (prednosta akademik J. Charvat).

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HLAVATY, J.; GETLIK, A.; HLAVATA, L.; OFTIS, V.

Adrenal hemorrhage in newborn infants. Cesk.pediat.15 no.10:
880-885 0'60.

1. Slovensky ustav pre doskolovanie lekarov v Trencine. Pediatricka katedra, veduci dr. A.Getlik. Patologicko-anatomicka katedra, veduci dr. V.Ottis.

(ADRENAL GLAND dis)

(HEMORRHAGE in inf & child)

(INFANT NEWBORN dis)

GETLIK, A.; CERNAY, J.; HLAVATA, L.; HLAVATY, J.; HORANSKY, V.; KOYSOVA, Z.

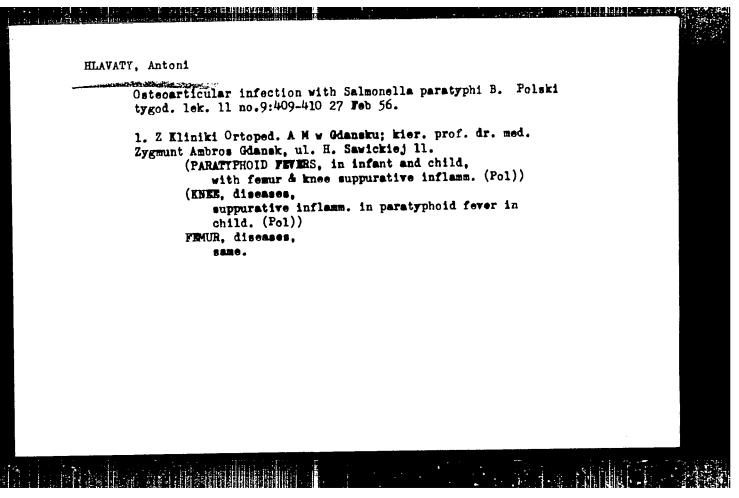
Growth curves of children op to 1 year of age in the Trencin district in 1952 and 1956 and the relation to nutrition. Cesk. pediat. 17 no.1: 11-20 Ja *62.

1. Pediatricka katedra SUDL v Trencine, veduci MUDr. A. Getlik.

(INFANT NUTRITION)
(GROWTH in inf & child)

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Experimental studies on the regeneration of free tendon grafts.
Chir. narzad. ruchu ortop. Pol. 29 no.3:331-335 '64.

1. Z Kliniki Ortopedycznej Akademii Medycznej w Gdansku (Kierownik: doc. dr. med. A. Senger).

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TELESZYNSKI, Marian; HIAVATY, Antoni

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Contribution to the operative treatment of idiopathic scoliosis. Chir. narz. ruchu 22 no.3:267-270 1957.

1. Z Kliniki Ortopedycznej A. M. w Gdansku. Gdansk, ul. Swierczewskiego 4-6, Klinika Ortopetyczna. (SCOLIOSIS, surg.

idiopathic, technics & early results (Pol))

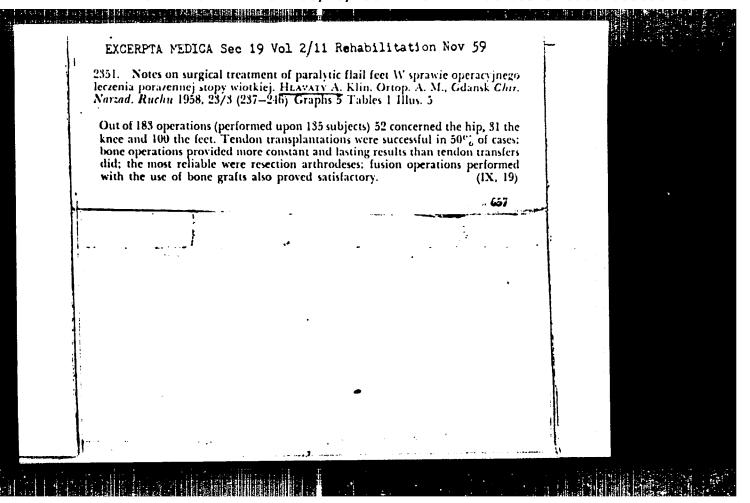
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HIAVATY, Bozena; HIAVATY, Antoni

Chondromatosis of shoulder. Chir. narz. ruchu 22 no.6:611-616 1957.

1. Z Wojewodzkiej Poradni Przeciwreumatycznej w Gdansku Kierownik: dr J. Titz Kosko. Z Kliniki Ortopedycznej A. M. w Gdansku. Kierownik: prof. dr Z. Ambros.

(SHOULDER, neoplasms chondromatosis (Pol)) (CHONDROMA, case reports shoulder (Pol))



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PATYNSKI, Jerzy; HLAVATY, Antoni; BURKA, Jan; SZCZEKOT, Jozef; DANKO, Stanislaw

Attempted clinical and radiological differentiation of senile and deforming changes of the hip joint. Chir.ners.ruchu ortop. polska 24 no.6:

1. Z Kliniki Ortopedycznej AM w Gdansku. Kierownik: doc.dr A. Senger.

(HIP pathol.)

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HLAVATY, Antoni; PATYNSKI, Jerzy; SZCZEKOT, Jozef

Radiologic osteometry of the hip. Chir.narz.ruchu ortop.polska
24 no.6:541-546 '59.

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A. Senger.

(HIP radiogr.)

BUHKA, Jan; HLAVATY, Antoni; PATYNSKI, Jerzy; SZCZEKOT, Jozef

Results of the examination of senile hips of inmates of a home for the aged in Wejherowo. Chir.narz.ruchu ortop.poleka 24 no.6: 553-559 '59.

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A. Senger.

(HIP pathol.)

HLAVATY, Antoni; PATYNSKI, Jerzy; SZCZEKOT, Jozef; BURKA, Jan

Analysis of clinical and radiological pictures of deforming changes of the hip joint. Chir.narw.ruchu ortop.polska 24 no. 6:561-568 '59.

1. Z Kliniki Ortopedycznej AM w Gdansku. Kierownik: doc.dr

A. Senger.

(HIP pathol.)

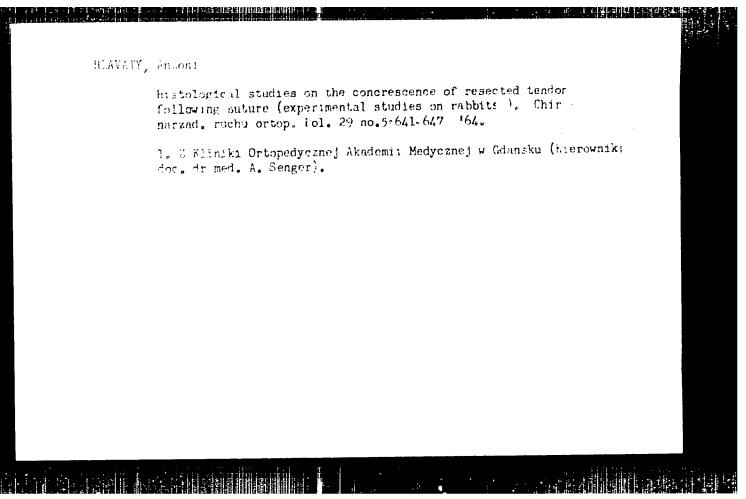
HLAVATY, A.; HLAVATY, B., DANKO, S.; PIATKOWSKA, H.

Results of the treatment of deforming changes of the hip joints by intra-articular hydrocortisone. Chir.narz.ruchu ortop.polska 24 no.6:577-584 '59.

1. Z Kliniki Ortopedycsnej AM w Odansku. Kierownik: doc. dr
A. Senger i z Ogrodka Reumatologicznego w Sopocie. Dyrektor dr
J. Titz-Kosko.

(HIP dis.)

(HYDROCORTISONE ther.)



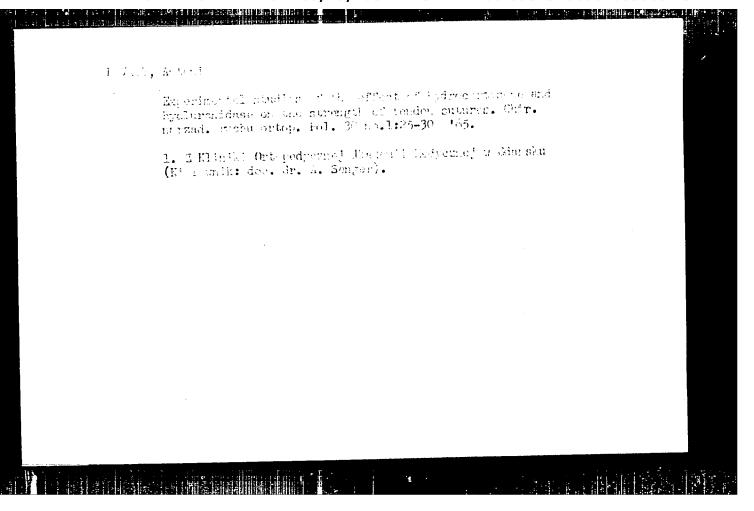
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HLAVATY, Antoni

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Effect of surgical trauma on regenerative processes and adhesion of tendons. Chir. narzad. ruchu ortop. Pol. 29 no.6:681-688 '64

1. Z Kliniki Ortopedycznej Akademii Medycznej w Gdansku (kierownik: doc. dr. med. K. Senger).



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HLAVATY, Antoni

The effect of hydrocortisone on the regeneration of sutured tendons in experimental animals. Chir. narzad. ruchu ortop. Pol. 30 no.2:125-130 165

1. Z Kliniki Ortopedycznej Akademii Medycznej w Gdansku (Kierrownik: doc. dr. med. A. Senger).

HIAVATY, Antoni

Effect of hydrocortisons on the regeneration of free tendon grafts, Chir. narzad. ruchu ortop. Pol. 30 no.31261-268 165.

1. Z Kliniki Ortopedycznej AM w Gdansku (Kierownik: doc. dr. ned. A. Senger).

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HLAVATY, Bozena

Associated gold and ACTH therapy of rheumatoid arthritis. Polskie arch. med. wewnetrs. 24 no.5a:925-931 1954.

1. Z II Kliniki Chorob Wewnetrznych Akademii Medycznej Gdanskiej.
Kierownik: prof. dr med. St. Wszelaki, oraz z Wojewodzkiej Poradni
Reumatologicznej w Gdansku. Kierownik: dr med. J. Titz-Kosko.

(ARTHRITIS, RHEUMATOID, therapy.

ACTH with gold)

(ACTH, therapeutic use, rheum. arthritis, with gold) (GOLD, therapeutic use, rheum. arthritis, with ACTH)

HLAVATY, Bozena

Radiological picture of degenerative hip diseases. Reum. Pol. 2 no. 2:105-114 '64.

1. Z Wojewodzkiego Szpitala Reumatologicznego w Sopocie (Dyrektor: dr med. J.Titz-Kosko).

HIAVATY, Bozena; HIAVATY, Antoni

Chondromatosis of shoulder. Chir. narz. ruchu 22 no.6:611-616 1957.

1. Z Wojewodzkiej Poradni Przeciwreumstycznej w Gdansku Kierownik:
dr J. Titz Kosko. Z Kliniki Ortopedycznej A. M. w Gdansku. Kierownik:
prof. dr Z. Ambros.

(SHOULDER, neoplasms
chondromatosis (Pol))

(CHOULDEROMA, case reports
shoulder (Pol))

HLAVATY, A.; HLAVATY, B., DANKO, S.; PIATKOWSKA, H.

Results of the treatment of deforming changes of the hip joints by intra-articular hydrocortisone. Chir.nars.ruchu ortop.polska 24 no.6:577-594 '59.

1. Z Kliniki Ortopedycznej AM w Gdansku. Kierownik: doc. dr
A. Senger i z Osrodka Reumatologicznego w Sopocie. Dyrektor dr
J. Titz-Kosko.

(HIP dis.)

(HYDROCORTISONE ther.)

HLAVATY, Bozena; SZKODZINSKI, Stanislaw; ROZYNSKA, Krystyna; WCJNOWSKA, Bozena

Hydrocortisome therapy of small joints of the hand. Reumatologia
Polska no.3*137-139 *60.

1. Z Osrodka Reumatologicanego v Sopocie Dyrektor: dr med. TitaKosko, J.

(HYDROCORTISONE ther)

(ARTHRITIS RHEUMATOID ther)

(HAND dis)

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HLAVATY, F.

"Socialist Competition in the Machine Industry." p. 203, Praha, Vol. 2, no. 5, May 1954.

SO: Bast Buropean Accessions List, Vol. 3, No. 9, September 1954, Lib. of Congress

B. Die Ball a Merket

HECKO, I., zapovedny vyskimny pracovnik; SINTAJ, M.; HLAVATY J.; KUKURA, J., LIPKOVA, V.; SEVCIKOVA, A.; GRUNT, J.; GAZO, M.; HULLER, M.; VALASEK, V.

Prevention of infections in nurseries. Bratisl. lek. listy 34 no.9: 1021-1045 Sept 54.

1. Z Krajskeho detskeho ustavu narodneho zdravia v Bratislave, riaditel dr. A. Novak (for Hecke, Sintaj, Hlavaty) 2. 3 Hygienickeho ustavu LFSU v Bratislave, prednosta akademik V.Much, a z Ustavu hygieny, oblastneho ustavu pre Slovenko v Bratislave, riaditel doc. dr. P. Macuch (for Kukara, Lipkova, Sevcikova, Grunt) 3. Z Ustavu pre vyskum vyzivy ludu v Bratislave, prednosta dr. A.Bucko. (for Gazo, Muller) 4. Z Vyskumneho ustavu epidemiologie a mikrobiologie w Bratislave, riaditel dr. J. Karolcek, z oddelenia pre parazitologiu, prednosta dr. M.Driuban. Spolupracovnici: a) z detskej kliniky: McKrupska a skupina medikov (w ramci studentskej tvorimosti), V.Bohmerova, M.Cernacek, V.Kovac, D.Krivosova, M.Lickova, t.c. uz doktori mediciny. Pred zaciatkom vyskumnej prace riaditel KUNZ dr. A. Novak vykonal instruktaz medikov: b) z Hygieniko-epidemiologicje stanice UNV Bratislava M. Zatkova c) z jasiel 1. na Blahovej ulici c.4.: M.Hlebakova (veduca sestra), J.Benedekova, G.Skotnarova, A.Nozkova, M.Lukovicova, H.Oriskova, V.Feherova; 2. na Feriencikovej ulici c. 6: H.Nemcekova (veduca sestra), M.Slobodova, N.Dobrotkova, A.Macenauerova, B.Stabelova. (Continued on next card)

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HECKO, I., zapovedny vyakimny pracovnik; SINTAJ, M.; HLAVATY, J.; KUKURA, J.; LIPKOVA, V.; SEVCIKOVA, A.; GRUNT, J.; GAZO, M.; MULLER, M.; VALASEK, V. Prevention of infections in nurseries. Bratisl. lek. listy 34 no.9: (Card 2) 1021-1045 Sept 54 d)z Hygienickeho ustavu LFSU a z Ustavu hygieny: O.Cikova, K.Rozholdova, L.Haragova, M.Jurcova, T.Orthova; e)z Ostavu pre vyskum vyzivy ludu: M.Popik, A.Kohutova, L.Sintajova, M.Krcnava; P.Ambrova, J.Kollarik, M.Asstalosova. (COMMUNICABLE DISEASES, in infant and child, prev. in nurseries) (IMPANTS, nurseries, prev. of communicable dis.) MAN TENNENSE PER MANAGEMENT DE MANAGEMENT DE MANAGEMENT DE MANAGEMENT DE MANAGEMENT DE MANAGEMENT DE MANAGEMENT

HLAVATY, J.; GETLIK, A.; HLAVATA, L.; OTTIS, V.

Adrenal hemorrhage in newborn infants. Cesk.pediat.15 no.10:
880-885 0'60.

1. Slovensky ustav pre doskolovanie lekarov v Trencine. Pediatricha katedra, veduci dr. A.Getlik. Patologicko-anatomicka katedra, veduci dr. V.Ottis.

(ADREHAL GLAND dis)
(HEMORRHAGE in inf & child)
(INFANT NEWBORN dis)

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GETLIK, A.; CERNAY, J.; HLAVATA, L.; HLAVATY, J.; HORANSKY, V.; KOYSOVA, Z.

Growth curves of children to 1 year of age in the Trencin district in 1952 and 1956 and the relation to nutrition. Cesk. pediat. 17 no.1: 11-20 Ja *62.

1. Pediatricka katedra SUDL v Trencine, veduci MUDr. A. Getlik.

(INFANT NUTRITION)
(GROWTH in inf & child)

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CZECHOSLOVAKIA

J. HLAVATY, Okres Institute for Mational Health (Okresni Ustav Marodniho Zdravi,) Pribram.

the state of the s

"Meurotic Depression, Its Origins and Hydrotherapy."

Prague, Activitas Mervosa Superior, Vol 5, No 2, May 63; p 226.

Abstract: Brief report on conclusions and recommendations from study with 46 neurotic patients divided into either K (kalt, cold) and W (warm) types. Cold showers and baths stimulate and on a long-term basis increase the excitability of the sympathetic system; warm baths sedate and depress it. Thus applications of these principles may permit a decrease of the demand for pharmacotherapy in mild states of neurotic depression.

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34

HLAVATY, L.

CZECHOSLOVAKIA/Optics - Fhotography

K-13

Abs Jour : Rof Zhur - Fizika, No 10, 1958, No 24242

Author : Hlevety L. Inst : Not Givon

Title : Now Method for Regulating the Exposure in Photography

Orig Fub : Jenna much. a opt., 1957, 2, No 5, 140-143

Abstract: An explanation of the concept "light value" is given and the advantages of the use of the "light value" scale for

determining the exposure are indicated.

Cord : 1/1

CZECHOSLOVAKIA/Optics - Fhotography

K-13

Abs Jour : Ref Zhur - Fizika, No 10, 1958, No 24252

: Hlavety L. Muthor

: Not Given Inst

: Calculations When Working With Enlargors. Title

Orig Fub : Jonna noch. a opt., 1958, 3, No 1, 8-12

Abstract : Examples are given of calculations of enlargement for a specified distance from the negetive to the plene of the image, or, conversely, for determining this distance for a given enlargement, and aelculation of the depth of field.

: 1/1 Cerd

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CIA-RDP86-00513R000618030004-9" APPROVED FOR RELEASE: 08/10/2001

CZECHOSLOVAKIA/Optics - Optical Technology.

Abs Jour : Ref Zhur - Fizika, No 6, 1959, 14059

Author

: Hlavaty. L.

Inst

-

Title

: Present Day Status of the Technique of Projection of

Diapositives.

Orig Pub

: Jenna mech. A opt., 1958, 3, No 5, 146-152, 172

Abstract

: Problems of construction of diaprojectors are considered

and ways of further developments in this field are indi-

cated.

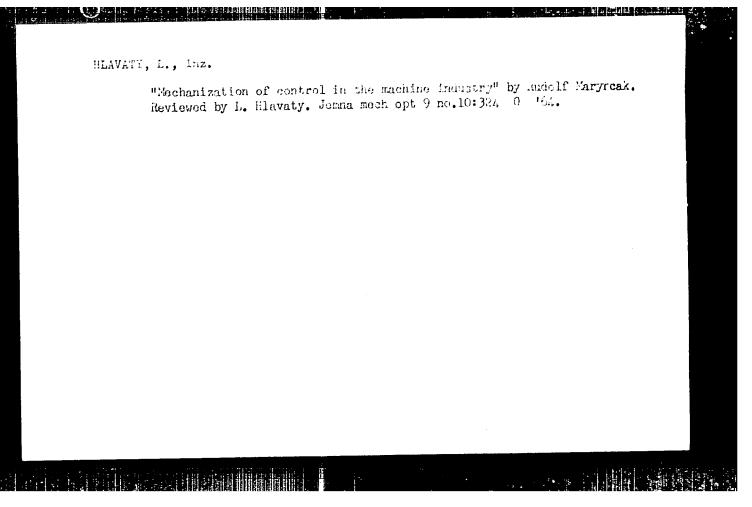
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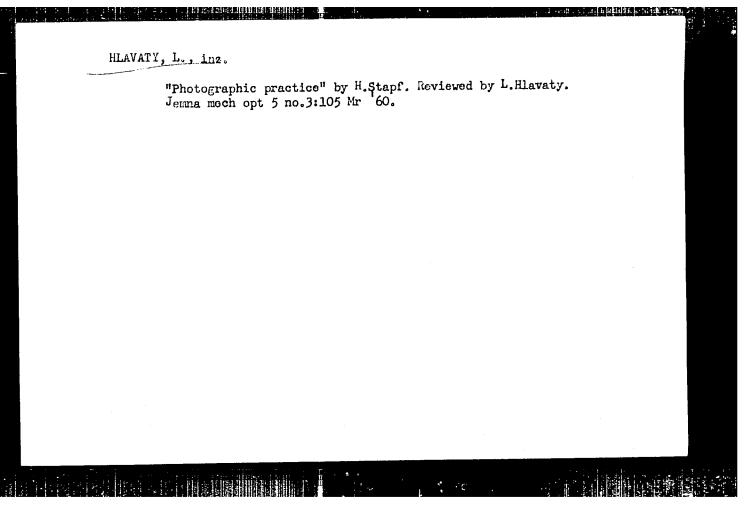
HLAVATY, L.

"Design and development of the Flexaret reflex camera."

JEMNA MECHANIKA A OPTIKA, Praha, Czechoslovakia, Vol. 4, No. 6, June 1959.

Monthly List of Fast European Accessions (EMAI), LC, Vol. 8, No. 9, September 1959. Unclassified.





HLAVATY, L., inz.

0

Possibilities of 8mm film. Jemna mech opt 7 no.6:190-192 Je '62.

1. Meopta, n.p., Prerov.

HIAVATY, L., inz.

"Capillary soldering" by A. Slansky and J. Wollmann. Reviewed by
L. Hlavaty. Jemna mech opt 7 no.10:322 0 '62.

HLAVATY, L., inz.

"Automation of resistance welding" by [ins.] Ladislav Pliva. Reviewed by L. Hlavaty. Jemna mech opt 7 no.11:360 N '62.

Telephone on the locomotive, p.200. (Zeleznicar. Praha. Vol. 6, no. 8. Aug. 1056.)

SO: Monthly List of Past European Accessions (EEAL) LC, Vol. 6, no. 7, July 1957. Uncl.

HLAVATY, M.

"What is the reason?"

p. 310 (Zeleznicar) Vol. 7, no. 12, Dec. 1957 Prague, Czechoslovakia

SO: Monthly Index of East European Accessions (EEAI) LC. Vol. 7. no. 4, April 1958

YUGOSLAVIA / Analytical Chemistry. Analysis of Inorganic E-2 Substances.

Abs Jour: Ref Zhur-Khimiya, No 1, 1959, 999.

Author : Krajovan - Marjanovic, V., Hlavaty, M., Habekovic,

M., Cukovic, V.

Inst : Not given.

AND THE REAL PROPERTY OF THE P

Title : The Electrographic Method for Determining Alloying

Elements in Steels.

Orig Pub: Kemija u industriji, 1958, 7, No 2, 33-38.

Abstract: Methods for the electrographic determination of

Cr, Ni, Co, Mo and V in steels using Schleicher-Schull 576 and Whatman No 50 were developed. To determine 5-13% of Cr, a mixture of 0.5 M Na₃CO₃ $\sqrt{\text{Sic}}$ and NaNO₃ (3:1) solutions is used as the electrolyte and as the reagent for CrO_4^{2-} — a 1%

Card 1/4

YUCOSLAVIA / Analytical Chemistry. Analysis of Inorganic E-2 Substances.

Abs Jour: Ref Zhur-Khimiya, No 1, 1959, 999.

Abstract: diphenylcarbizide solution (followed by treatment with 5% acetic acid). In the Ni determination, the electrolyte used is a mixture (1:1:1:2) of 5% (NH₄) 2S₂O₈, 5% NaF, 0.5M sodium potassium tartrate and 5% tartaric acid solution; Ni² is determined with a 2% dimethylglyoxime solution. For the determination of Co, 2N solution of ammonium acetate and as the reagent a 2% solution of 4 -nitroso-6-naphthol are used. For the determination of Mn a 0.5M solution of sodium potassium tartrate serves as an electrolyte; prior to the determination, Mn is converted into a cyanide complex by treatment with a mixture of 1% solutions of KCN and NH₄OH, is acidified by 5% H₂O₂ to Mn⁴ and then is determined with 1% ben-

Card 2/4

24

YUGOSLAVIA / Analytical Chemistry. Analysis of Inor- E-2 ganic Substances.

Abs Jour: Ref Zhur-Khimiya, No 1, 1959, 999.

Abstract: zidine acetate solution. For the determination of Mo is used a mixture (1:1:1) of 0.5 M sodium potassium tartrate, 0.5 M ammonium citrate and a 5% solution of (NH₂)₂C₂O₄ are used as the electrolyte; Mo is determined by a successive troatment with a 10% solution of potassium ethyl xanthogenate and 10% HCl. Ten percent HNO₃ serves as the electrolyte for V; the vapadyl is acidified with a 5% KMnO₄ solution to V⁵, and then is treated consecutively with 5% SnCl₂ and C₆H₆NH₂ solutions. In all of the cases, the current density was 20 ma/cm.²; voltage was 1.5 mv.; the duration of electrographic analysis was 60

Card 3/4

YUCOSILVI. / analytical Chemistry. analysis of Inor-E-2 ganic Substances.

..bs Jour: Ref Zhur-Khimiya, No 1, 1959, 999.

Abstract: seconds. For studying the microstructure of steel, a 0.5 M K₄Fe(CN)₆ solution is used as the electrolyte and a 5% solution of acetic acid as the reagent. -- T. Levi.

Card 4/4

25

HLAVATY, M.

TECHNOLOGY

Periodical: ZELEZNICAR. No. 12, Dec. 1958.

HLAVATY, M. Railroad repair shops are responsible for the developement of transportation. p. 264.

Monthly List of East European Accession (EEAI) LC, Vol. 8, no. 3
March 1959 Unclass.

HLAVATY. M.

The Most railroad station calling on ultrashort waves. p. 317.

ZELEZNICAR. (Ministerstvo dopravyO Praha, Czecholslovakia, Vol. 2, no. 6, 1959.

Monthly List of East European Accession (EEAI), LC Vol. 9, no. 2 Feb. 1959.

Uncl.

BOJANOVSKA, A.; HLAVATY, P.

Mucinosis follicularis. Cesk. derm. 40 no.2:119-121 Ap'65.

1. Dermatovenerologicka katedra Lekarskej fakulty University Komenskeho v Bratislave (veduci: prof. dr. L. Chmel, DrSc.).

BENEUSOVA, M.; HAJIMAE, Z., HOREICKY, L.

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Skin ismage saised by working with oils. Cask. derm. 40 nc.2: 92.96 Ap^464 .

1. Dermatovanajotogieka katedra (veducia prof. dr. L. Chmel, PrSc.) a katedra farmakologie (veducia doc. dr. V. Kovalcik, CSc.) Lekarskej takulty University Komenskeba v Bratislave.

HLAVATY, Pavol, inz.

Effect of the exchange of a defective lathe for one over-hauled. Podn org 18 no. 3:122-125 Mr 164.

1. Tovarny na obrabeci stroje, Trencin.

SINKA, L.; HLAVATY, P.

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Analysis and follow-up study of patients with urticaria from the material of a Dermatological Clinic in Bratislava, 1959-63. Cesk. derm. 40 no.4:217-224 Ag '65.

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HLAVATY, V.; BLEKTA, M.; CHYTIL, M.; BENDL, J.; VAINICEK, J.; BENDCVA, L.

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Changes in the blood volume during pregnancy and in late gestoses investigated with the aid of I-131 HSA and Cr51 labeled erythrocytes. Sborn. lek. 67 no.8/9:240-247 Ag '65.

1. Biofyzikalni ustav (prednosta doc. dr. Z. Dienstbier, DrSc), II. gynekologicko-prord. klinika (prednosta prof. dr. J. Lukas, DrSc.) a II. interni klinika (prednosta prof. dr. F. Herles, DrSc.) fakulty vseobecneho lekarstvi University Karlovy v Praze.

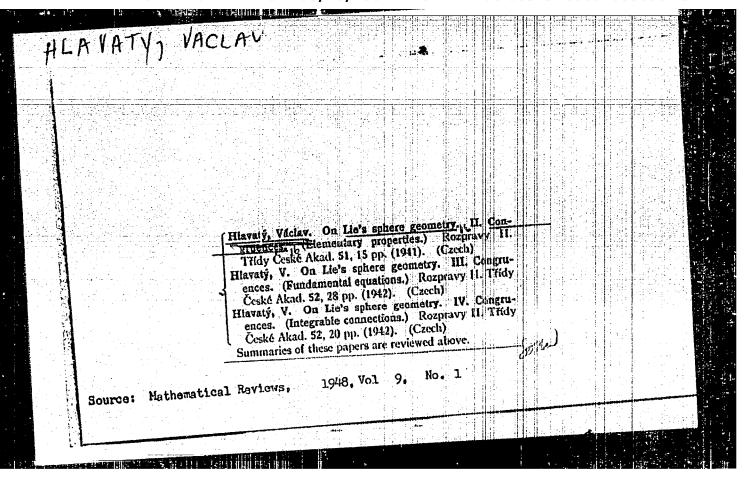
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I. 13304-66 EWT(m) SOURCE CODE: CZ/0053/65/014/004/0276/0276	
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Aurthor: Hlavaty, V.; Zak, M.	
ORG: Department of Biophysics, Faculty of General Medicine, Charles University, Prague (Biofysikalni ustav Fakulty vseobecneho lekarstvi Karlove University)	
TITIE: Changes of conductivity of blood serum in relation to dose of whole-body radiation [This paper was presented during Biophysical Days, Brno, 11 June 1964.]	
SOURCE: Ceskoslovenska fysiologie, v. 14, no. 4, 1965, 276	
TOPIC TAGS: radiation drug effect, blood serum, rabbit, electric conductivity,	
ABSTRACT: Statistically significant, reproducible increase in conductivity of serum of rabbits appeared within 15 minutes after 1000r whole-body of serum of rabbits appeared within 15 minutes after 1000r whole-body of serum of rabbits appeared within 15 minutes after 1000r whole-body of serum of rabbits appeared within 15 minutes after 1000r whole-body of serum of receptibly increased radiation; it peaked at the fourth hour; even 250r perceptibly increased the electrical conductivity. Study indicates that the phenomenon is due to an increase in K and Cl ions in the serum of irradiated animals.	
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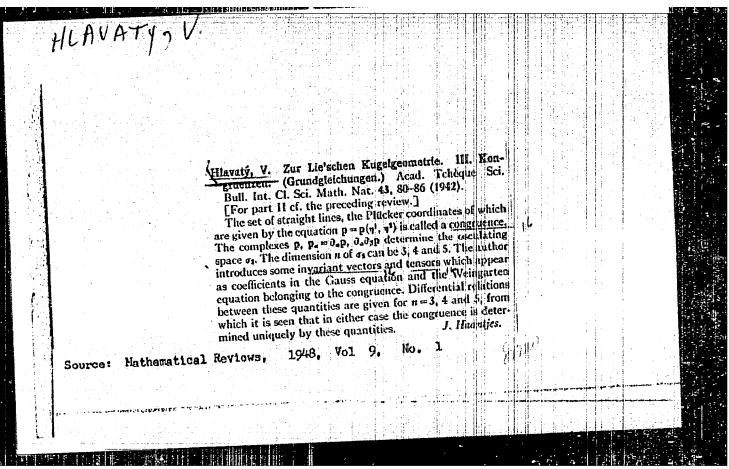
HLAVATY, V.; HENDOVA, L.; SIROUNEK, P.; TAK, M.

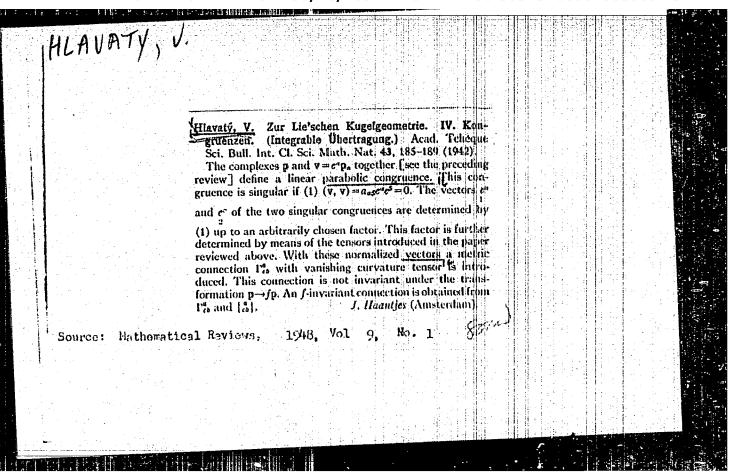
Helation between the energy of x-ray radiation and the biological response of the organism. Cesk. radiol. 20 no.1:43-49 Ja '66.

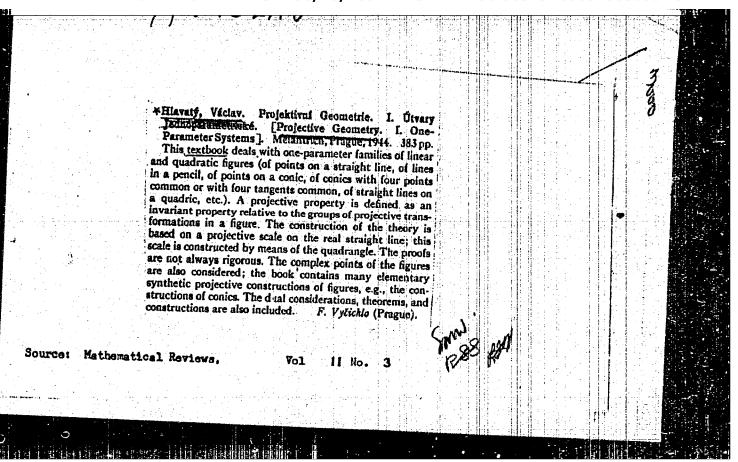
1. Biofyzikalni ustav fakulty vseobacneho lekarstvi Karlovy University v Praze (prednosta prof. dr. 7. Dienstbler, DrSc.).

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FELAVATY, Vaclar

Kiavatý, Václav. Differentielle Linlengeometrie. Autorisierte Übersetzung aus dem Tschechischen Originaltext von Max Pinl. P. Noordhoff, Groningen, 1945. xxii+ 568 pp.

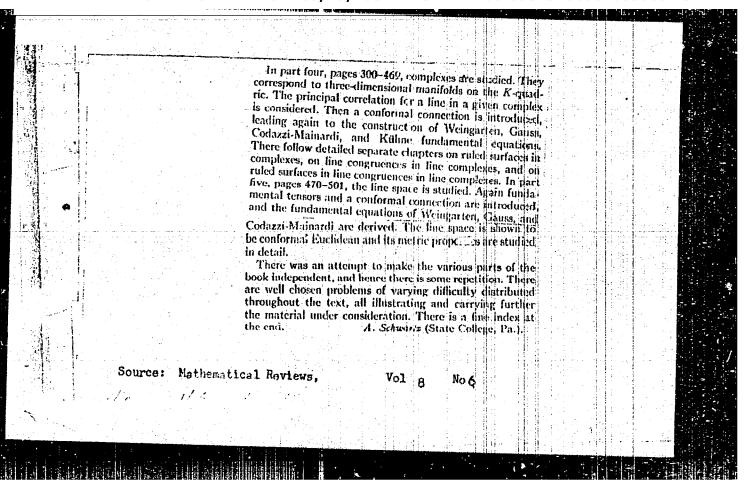
By using Plücker coordinates, a straight line can be made to correspond to a point on a four-dimensional quadric in a five-dimensional projective space (called the K-quadric in K-space). The goal of this book is to study systematically the differential geometry of the K-quadric and its submanifolds and to carry the results back to the corresponding line-manifolds. For instance, a K-curve on the four-dimensional K-quadric, and with it the corresponding ruled surface, is determined by three curvatures. This point of view for differential line geometry has been investigated before in papers by W. Haack, K. Takeda and J. Kanitani [references on p. vii], but nowhere in as great detail as here. It is especially valuable in studying properties of ruled surfaces, line congruences and line complexes, and allows the author to carry through projective, affine and metric studies at the same time. However, the basic correspondence is hard to use in situations where the line is not considered the primary element, and questions which lead to point set studies are left practically untouched. The tensor calculus is used throughout the book; those parts of the tensor calculus

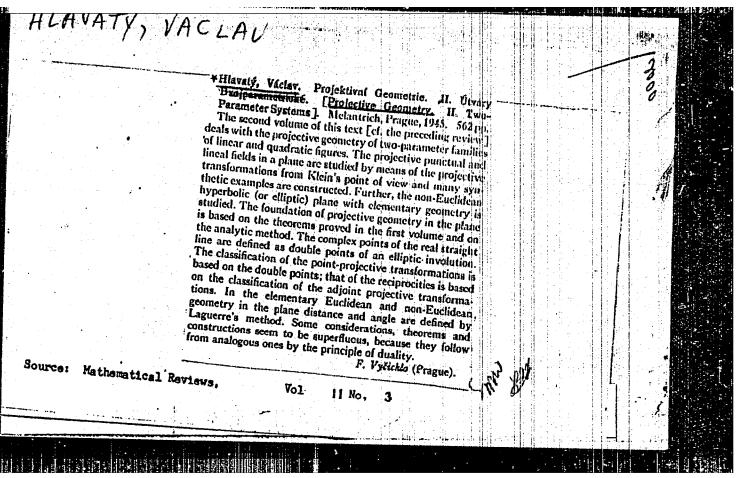
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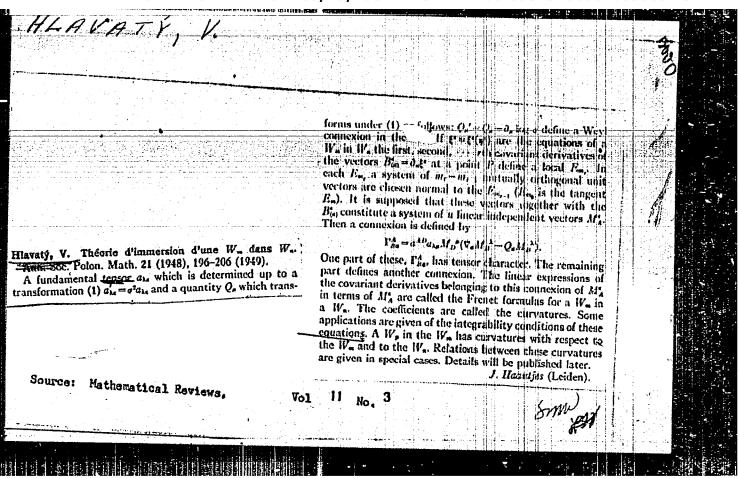
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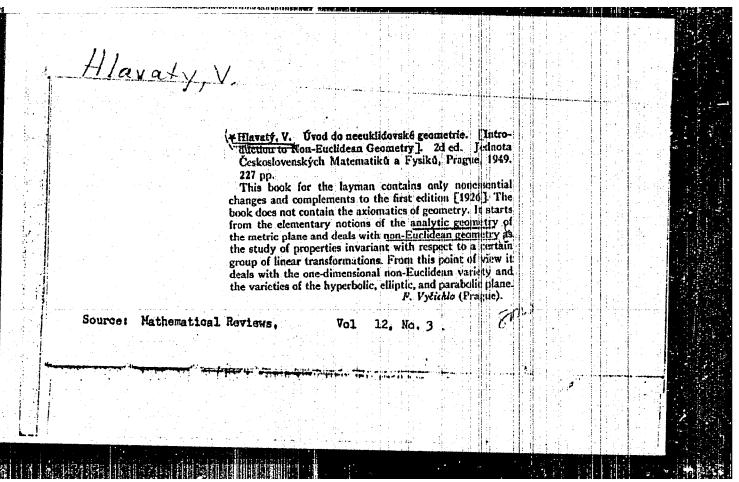
Here is can only tould a few of the subjects vovie the this detailed, thorough, clearly written text. In part one, pages 1-50 the basic correspondence is introduced and the theory of linear line manifolds is studied. The concept of projective angle between two apagrecial complexes which determine a nonparabolis congruence is presented. In part two, pages 50-132, rules surfaces are studied. They correspond to K-curves on the K-quadric. The Chasles correlation and Lie osculating quadric are presented, as are five specially selected completes which latisfy Frenct equations containing three projective curvitues. Suparate Idditional sections go further into the affine and metric aspects of the theory. In part three, palus 131 249, line congruences are studied. They correspond to K-surfaces on the A-quadric. First, fundamental concepts tild elementary surface and focal surface are presented. There, studying the Assurfaces without reference to their imbedding, tensors an and go are introduced and their algebraic properties interpreted in affine and metric geometry. A metric, asymmetric, integrable connection is then considered and Frenct formulas for K-curves on the K-surfaces set up. Finally, the K-surfaces are studied as subpainfolds of the K-spage and a conformal connection is introduced in a natural way. The algebraic properties of congruences whose K-indages have five, four, or three-dimensional scapid osculating spaces are which are needed in the text are presented concisely in a studied, as are the fundamental equitions of Gauss, We are garten, Kühne, and Codaga-Mainjirdi.

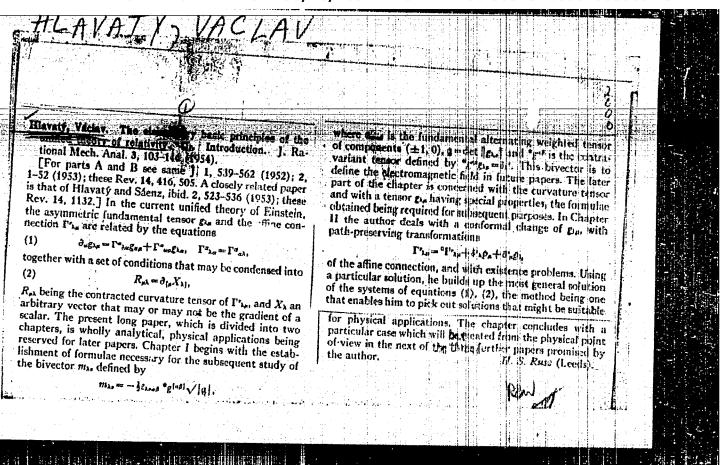
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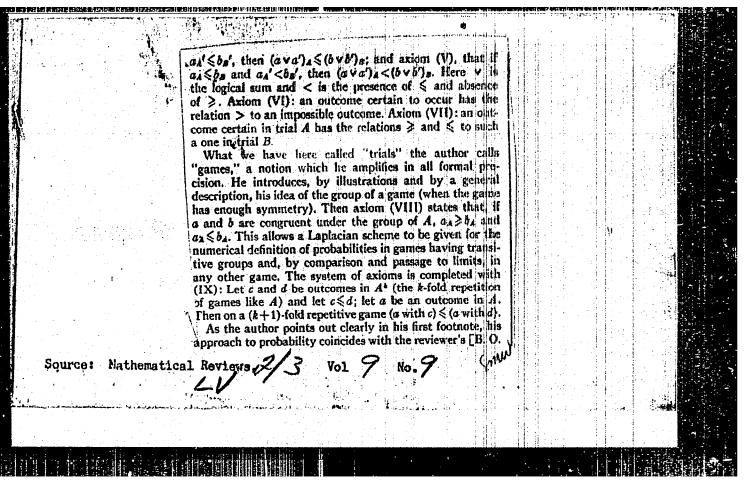


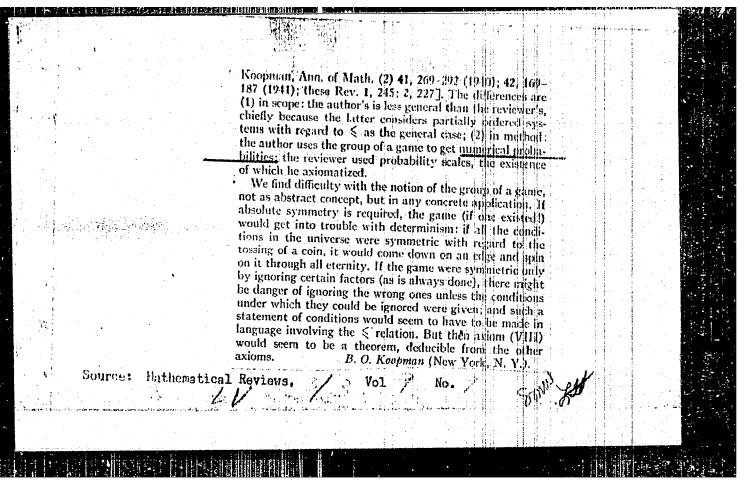












Hlavaty, Vaclay. The elementary basic principles of the unified theory of relativity. C. Applications. I. J. Rational Mech. Anal. 3, 147-179 (1954).

[For parts A, B, C, of this investigation, see same J. I, 539-562 (1952); 2, 1-52 (1953); these Rev. 14, 416, 505; and the paper reviewed above. See also Hlavaty and Saenz, ibid. 2, 523-536 (1953); these Rev. 14, 1132.] The affine connection of the unified theory may be expressed in the

$$\Gamma^{\nu}_{\lambda\mu} = \begin{Bmatrix} \nu \\ \lambda\mu \end{Bmatrix} + S_{\lambda\mu} + U^{\nu}_{\lambda\mu},$$

where the Christoffel symbols are formed from the symmetric part $h_{\lambda\mu}$ of the fundamental tensor $g_{\lambda\mu}$, and $S_{\lambda\mu}$ is the torsion-tensor for which, by assumption, $S_{\lambda_{\alpha}}{}^{\alpha}=0$. In this paper the author takes the special case in which $U_{\lambda_0} = 0$, a condition which imposes a structural restriction on gas and which is automatically satisfied for weak electromagnetic fields. He reserves the case U'12 10 for a later paper. He obtains the equations

$$H_{\mu\lambda} - \frac{1}{2}Hh_{\lambda\mu} = T_{\lambda\mu},$$

where $H_{\mu\lambda}$ is the contracted curvature-tense of $h_{\lambda\mu}$ and $T_{\lambda\mu}$ is a well-defined function of all arguments that enter into the total momentum-energy tensor of gravitational theory in the presence of an electro agnetic field. The tensor The satisfies the equation $D_{\lambda}T^{\lambda \prime} = \nu_{\lambda}$ where D_{λ} denotes covariant differentiation with respect to I'A, and from this is obtained an equation

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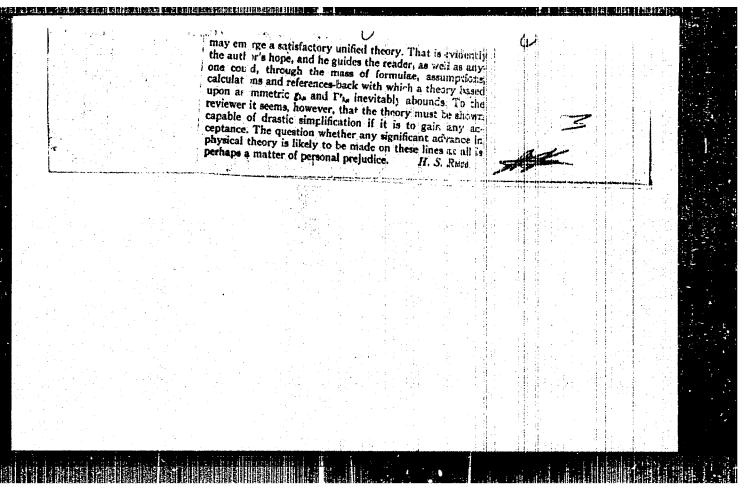
the form of which, as well as the method of obtaining it, suggests that it is to be interpreted as giving the equations of motion of a photon or of a particle according as the wedtor uh (in the language of general relativity, not used by the author and not here really apempriated in null or non-null.

Possible observational tests are discussed. Towards the end of the paper the author replaces the Einstein equations $\theta_{lo}R_{ell}=0$ by another set of four differential equations expressed in terms of the torsion-tensor, and obtains the equa-

From these he concludes that a particle moving in the ga-field under no external forces describes autoparallel lines of gas, which are identical with the geodesies of has. The unified theory thus obtained yields the same results for the three "crucial tests" as general relativity, but these tests are not crucial for the unified theory.

This review gives only a bare indication of the kind of work the paper ontains, and is based to a large extent t pon the author's our synopsis. Out of his investigation, which, including the wesent paper, fire already occupied 155 pages,

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CZECHOSLOVAKIA

HLAVATY, V., BENDOVA, L., BLEKTA, M., BENDL, J., VALNICEK, S., TRNKOVA, M., CHYTIL, M; Biophysical Institute, Faculty of General Medicine, Charles University, 2nd. Gynecological Clinic, Faculty of General Medicine, Charles University; State Institute for Drug Control; 2nd. Internal Clinic, Faculty of Gen. Medicine, Charles University (Biofysikalni Ustav Pak. Vseob. Lek. KU; II. Porodnicko Gynekologicka Klinika Pak. Vseob. Lob. KU; Statni Ústav pro Kontrolu Leciv; II. Interni Klinika Pak. Vseob. Lek KU) Prague.

"Changes in the Volume of Circulating Blood During Physiological Pregnancy and in Late Gestosis."

Prague, Ceskoslovenska Fysiologie, Vol 15, No 2, Feb 66, pp 93-94

Abstract: The amount of circulating blood and plasma starts increasing in the 9th, week of pregnancy and reaches a maximum in the 2nd. trimester; at the end of pregnancy the volume of plasma decreases. In late gestosis the volume of circulating blood and plasma begin to decrease as early as the 2nd trimester. No references. Submitted at "16 Days of Physiology" at Kosice, 27 Sep 65.

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HLAVATY, V., BERDOVA, L., BLEKTA, M., BENDE, J., VALUELER, S.,
TRINKOVA, M., CHYTIL, M; Biophysical Institute, Faculty of General Medicine, Charles University, 2nd. Gynecological Clinic, Faculty of General Medicine, Charles University; State Institute for Drug Control: 2nd. Internal Clinic, Faculty of Gen. Medicine Charles University (Biofysikalni Ustav Fak. Vseob. Lek. KU; II. Porodnicko-Gynekologicka Klinika Fak. Vseob. Lek KU; Statni Ustav pro Kontrolu Leciv; II. Interni Klinika Fak. Vseob. Lek KU), Prague.

"Changes in the Total Amounts of Serum Proteins and Their Fractions During Physiological Pregnancy and Late Gestation."

Prague, Ceskoslovenska Fysiologie, Vol 15, No 2, Feb 66,p 94

Abstract: During normal pregnancy the concentration of blood proteins and albumin decreases, concentration of globulin and the total amount of serum protein increase; the amount of albumin reaches a peak in the 2nd trimester and reverts to pre-pregnancy levels. In late gestation the decrease in proteins and albumins is greater; globulins do not increase. No references. Submitted at "16 Days of Physiology" at Kosice, 27 Sep 65.

HLAVATY, Vladimir; JEZEK, Stanislav

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HIAVATY, V.

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Cadmium sulfite roentgen dosimeter. Sborn. lek. 62 no.6:153-157 1960.

1. Biofyzikalni ustav lekarske fakulty University Karlovy v Praze, prednosta doc. dr. Zd. Dienstbier.

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(SULFITES)

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(RADIATION EFFECTS exper)

HLAVATY, Vlastislav; DIENSTBIER, Zdenek; ZAK, Miroslav

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Effect of ionizing irradiations on changes in the phosphene threshold of the retina. Sborn. lek. 64 no.7:202-207 Jl '62.

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(RADIATION EFFECTS exper) (RETINA radiation eff)

(PHOSPHORUS chemistry)

VANECEK, J.; HLAVATY, V.; technicka spoluprace RYBOVA, B.; FIALOVA, O.

Protective influence of phenol and procaine on radiation sickness. Cas. lek. cesk. 102 no.11:295-296 15 Mr '63.

1. Farmakolgicka katedra fakulty detskeho lekarstvi KU v Praze -Farmakologicka laborator CSAV, prednosta prof. dr. H. Raskova, DrSc. -Ustav lekarske fyziky fakulty vseobecneho lekarstvi KU v Praze,
prednosta doc. dr. Zd. Dienstbier.

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HLAVATY, V.; ZAK, M. Technicka spoluprace: BENDOVA, L.

Changes in the conductivity of the blood serum following a single total-body roentgen irradiation in rabbits. Sborn. lek. (Praha) 66 no.4:111-115 Ap 64.

1. Biofyzikalni ustav fakulty vseobecneho lekarstvi University Karlovy v Praze; prednosta: doc.dr. Z.Dienstbier, CSc.



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Adaptation of the organism during fractionated X-ray treatment. A contribution to the problem. Neoplasma (Bratisl) 12 no.2: 187-191 '65.

1. Institute of Biophysics, Faculty of General Medicine, Charles University, Prague, Czechoslovakia.

L 78	66-66 EWT (m) NR: AP6001209 SOURCE CODE:	CZ/0038/65/011/006/0223/0224
AUT	OR: Hlavaty, Vlastislav; Trousil, Jaroslav	632
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	C TAGS: magnetron, x radiation, radiation dosimetry, ation source	, ionizing radiation,
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BLEKTA, M.; BAKOS, K.; HLAVATY, V.; ANDRYSEK, O.; TRIKOVA, M.; BENDL, J.; VALNICEK, S.; CHYTIL, M.; BENDOVA, L.

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Isotope examination methods in obstetrics. Isotope nephrography, measurement of the blood volume with I-131, serum albumin level test with the use of erythrocytes labeled with Cr-51. Cesk. gynek. 30 no.1:122-127 Mr. 65.

1. II. gyn.-por. klinika; Biofyzikalni ustav; II.interni klinika fakulty vseobecneho lekasrtvi Karlovy University v Praze; Statni ustav pro kontrolu leciv v Praze.

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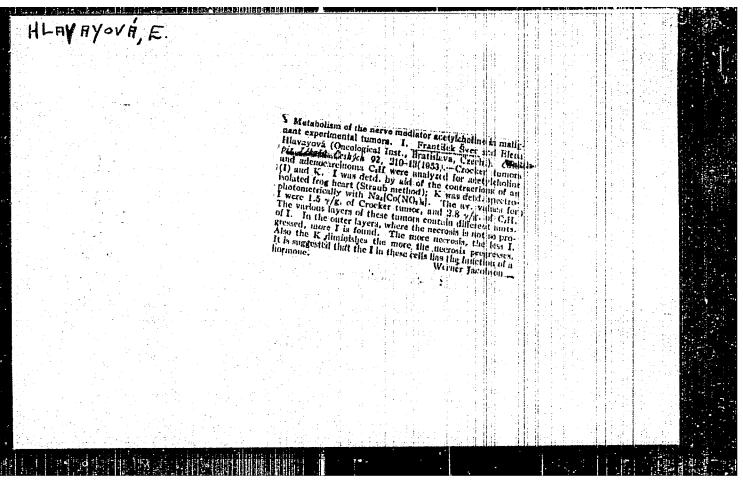
Some new information on changes in the volume of circulatory plasma and blood proteins during physiological pregnancy and late gestation. Cas. lek. Cesk. 104 no.51:1405 17 D 165.

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SVEC, F.: HLAVAYOVA, E.

Effect of digitoxin upon the synthesis of acetylcholine and the consumption of oxygen by brain tissue. Chekh.fiziol.2 no.2:183-189 '53. (MLRA 7:2)

1. Onkologicheskiy Institut, otdeleniye eksperimental'noy fiziologii i Farmakologicheskiy institut, Bratislava. (Brain) (Acetylcholine) (Glycosides) (Oxygen)



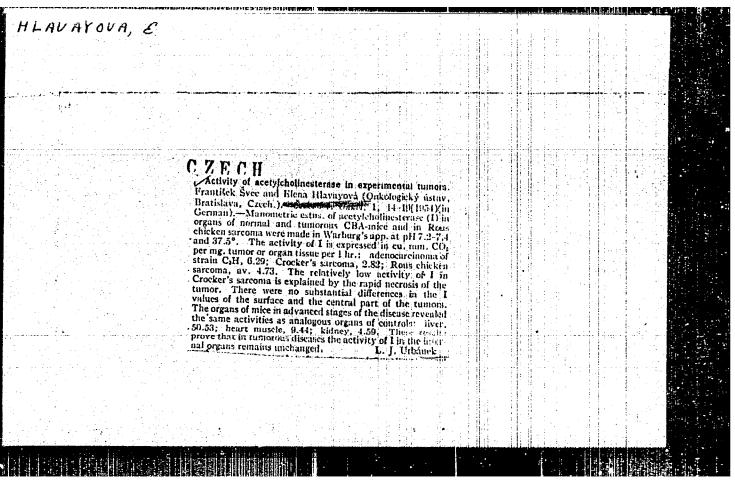
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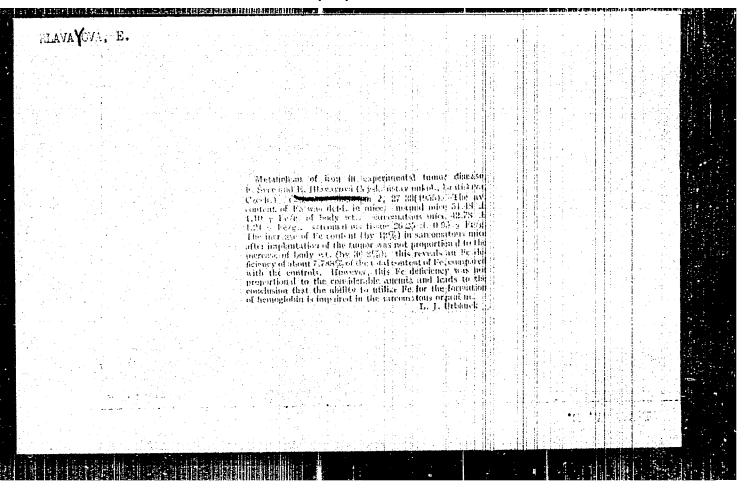
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Metabolism of acetylcholine in experimental cancer. Cas. lek. cesk. 92 no.8:210-213 20 Feb 1953. (CLML 24:3)

1. Of the Department of Experimental Physiology of the Institute of Oncology, Bratislava.





HLAVAYOVA, E., Dr.; KOSSKY, P., MUDr (Bratislava, ul. CSA 17)

Metastases of rat tumor BS-1 after intratesticular transplantation.
Ceek.onkol. 2 no.2-3:133-137 1955.

1. Vyskumny ustav onkologicky v Bratislave.
(IMCOPLASMS, transplantation,
intratesticular implant of rat tumor RS-1, metastases)
(TESTES, neoplasms,
exper. implants of tumor BS-1 in rate, metastases)

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On the problem of the pharmacology and toxicology of 6-azawracil-riboside, Cas. lek. cesk. 102 no.19:505-511 10 My 163.

1. Vyskumny ustav onkologicky v Bratislave, riaditel doc. dr.
V. Thurso. Oddelenie farmakodynamiky CSAV - Chemickeho ustavu
SAV v Bratislave, prednosta MUDr. F. Selecky, CSc.

(RATS) (RABBITS) (CATS) (NUCLEOSIDES)

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CZECHOSLOVAKIA/Tumors

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Abs Jour : Ref Zhur - Biol., No 6, 1958, No 27738

: Thurzo, V., Svoc, F., Hlavayova, E., Konsey, P. Muthor

: Not Given Inst

: Experimental Erythmoleukomia Induced by Coll-free Filtrates Title

from Rat Tumors.

Orig Pub : Coskosl onkol., 1956, 3, No 4, 267-269

Abstract: Of 58 seven-day old rats that had received 0.3 ml. of cellfree extract of rat BS carcinoma (a mixed mesenchymal epithelial nalignant neuplasm) subcutaneously, 12 (20%) developed crythroloukomia after 6-9 months. The disease was charactorized by hepatemegaly, splenomegaly, lymphadonopathy, onlargement of the thymus and the presence of tumor masses in the abdominal cavity. The erythrocyte blood count reached 200,000 per cu.rm., accompanied by decreases in erythrocyte counts and Hb and the presence of a significant number of mycloblasts, myclocytes and 20-40 erythroblasts per 100 leukocytes. The bone marrow differential count contained an

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increase in myeloblasts and young cells of crythroid series. Internal organs and lymph nodes were found to be infiltrated by the round-shaped cells.

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HLAVAYOVA, Elena; SMIDA, 1.; ALTADRA, C.; SVEC, F.

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1. Institute of Oncology, Department of Experimental Pathology, Bratislava.